Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 21710-68378 UTILITY First Inventor PATENT APPLICATION OTERO TRÂNSMITTAL Title APPARATUS, METHODS AND ARTICLES OF MANU-7 FACTURE FOR CONSTRUCTING AND EXECUTING (Only for new nonprovisional applications under 37 CFR 1.53(b)) COMPUTERIZED TRANSACTION PROCESSES AND **PROGRAMS** FI 598875764US Express Mail Label No. Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: Box Patent Application See MPEP chapter 600 concerning utility patent application contents Washington, DC 20231 1. E Fee Transmittal Form (e.g. PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. [] Applicant claims small entity status. 8. [] Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3.

Specification 27 1 Total Pages 1 Computer Readable Form (CRF) (preferred arrangement set forth below) b. [] Specification Sequence Listing on: Descriptive title of the invention í. 🗆 CD-ROM or CD-R (2 copies); or Cross Reference to Related Applications ii. 🗆 paper Statement Regarding Fed sponsored R & D c. [] Statements verifying identity of above copies Reference to sequence listing, a table, or a computer program listing appendix ACCOMPANYING APPLICATION PARTS Background of the Invention Assignment Papers (cover sheet & document(s)) Brief Description of the Drawings (if filed) 37 CFR 3.73(b) Statement [] Power of Attorney 10 Detailed Description (when there is an assignee) Claim(s) English Translation Document (if applicable) Abstract of the Disclosure Drawing(s) (35 U.S.C. 113) [Total Pages 12.[] Information Disclosure Copies of IDS 10 1 Statement (IDS)/PTO-1449 Citations 13. [] Preliminary Amendment Oath or Declaration [Total Pages [X] Return Receipt Postcard (MPEP 503) a. [] Newly executed (original or copy)-(Should be specifically itemized) 15. [] Certified Copy of Priority Document(s) b. [] Copy from a prior application (37 CFR 1.63(d)) (if foreign priority is claimed) (for continuation divisional with Box 18 completed) Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). DELETION OF INVENTOR(S) 16. Applicant must attach form PTO/SB/35 ☐ Signed statement attached deleting inventor(s) named in the prior application (see 37 CFR) or its equivalent. 17. [] Other: 1.63(d)(2) and 1.33(b) 6. X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: [] Divisional [] Continuation [] Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS ONLY: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relief upon when a portion has been inadvertently omitted frm the submitted application parts. 19. CORRESPONDENCE ADDRESS [X] Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or [] Correspondence address below 27730 Name (Print/Type) Registration No. (Attorney/Agent) 33,481 Joseph Signature March 30, 2001 Date 390422.1

CERTIFICATION UNDER 37 CFR § 1.10 I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the U.S. Postal Service I neterly Certify that mis consepondence and use occurrence reteries to as automost surferin airs being deposited with use of a 200 Million of 200 Million and evelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR § 1.10, Mailing Label Number EL598075764US addressed to the: Assistant Commissionerfor Patents, Washington, DC 20231.

Karen Spina

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2001 Patent fees are subject to annual revision.		Complete if known					
		Application Number					
		Filing Date		TEDO			
		First Named Inventor			OTERO		
		Examiner Name					
TOTAL AMOUNT OF PAYMENT (\$) 790		Group Art Unit					
	Attor	Attorney Docket No. 21710-68378					
METHOD OF PAYMENT		FEE CALCULATION (continued)					
1. The Commissioner is hereby authorized to charge	3. A	3. ADDITIONAL FEES					
indicated fees and credit any over payments to:	1	Large		Small			
Deposit Account 50-0979	Fee	Entity Fee	Fee Fee Code Cod	Entity	E. D	Fee Paid	
	Code	(S)		Code	Fee Description		
Deposit Account	105	130	205	65	Surcharge - late filing fee or oath		
Name	127	50	227	25	Surcharge - late provisional fi	ling fee or	
	139	130	139	130	cover sheet Non-English specification	 	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17			147			_	
Gract 37 CFK 1.10 and 1.17	147	2,520	14/	2,520	For filing a request for ex parte reexamination		
Applicant claims small entity status See 37 CFR 1.27	112	920*	112	920*	Requesting publication of SIR prior to Examiner action		
	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
2. Payment Enclosed	115	110	215 216	55	Extension for reply within firs		
□ Check □ Credit Card □ Money Order □ Other	116	390	210	195	Extension for reply within sec	ona monto	
다. 보기 보기	117	890	217	445	Extension for reply within thir	d month	
and the state of t	118	1,390	218	695	Extension for reply within fou	rth month	
FEE CALCULATION	128	1,890	228	945	Extension for reply within fifth	h month	
,1. BASIC FILING FEE							
**	120	310	220	155	Filing a brief in support of an	appeal	
Earge Entity Small Entity Earge Fee Fee Fee Description	121	270	221	135	Request for oral hearing		
Code (\$) Code (\$)	138	1,510	138	1,510	Petition to institute a public use proceeding		
106 320 206 160 Design filing fee \$710	140	110 1,240	240 241	55 620	Petition to revive – unavoidable Petition to revive – unintention		
106 320 206 160 Design filing fee	141	1,240	241	620	Utility issue fee (or reissue)		
F08 710 208 355 Reissue filing fee	143	440	243	220	Design issue fee		
134 150 214 75 Provisional filing fee	144	600	244	300	Plant issue fee		
SUBTOTAL (1) \$710	122	130 50	122	130	Petition to the Commissioner Processing fee under 37 CFR 1.17(q)		
EXTRA CLAIMS FEES	123	180	126	50 180	Submission of Information Disclosure Strat		
Fee from	581	40	581	40	Recording each patent assignment per		
Extra Claims below Fee Paid	1			355	property (times number of properties)		
Total Claims 14 - 20** = 0 X 18 = \$	146	710	246		Filing a submission after final rejection (37 CFR § 1.129(a))		
Independent 4 - 3** = 1 X 80 = \$ 80 Claims	149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		
Multiple Independent 0 + 270 ⇒ \$	179	710	279	355	Request for Continued Examin	nation (RCE)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	169	900	169	900	Request for expedited examina	ation of a	
Code (\$) Code Code	}	,		500	design application		
103 18 203 9 Claims in excess of 20	Other	ee (specify)					
102 80 202 40 Independent claims in excess of 3	*Redu	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$					
104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 **Reissue independent claims ove	1	- '/					
original patent	1						
110 18 210 9 **Reissue claims in excess of 20 and over original patent	1						
SUBTOTAL (2) \$80 **or number previously paud, if greater, For Reissue, see above							
SUBMITTED BY CUSTOMER NO. 27730 Complete (if applicable)							
Name (Print/Type) Joseph E. Chovanes		Registration No. (Attorney/Agent) 33,481 Telephone (215) 575-7000					
						March 30, 2001	
						Water 50, 2001	